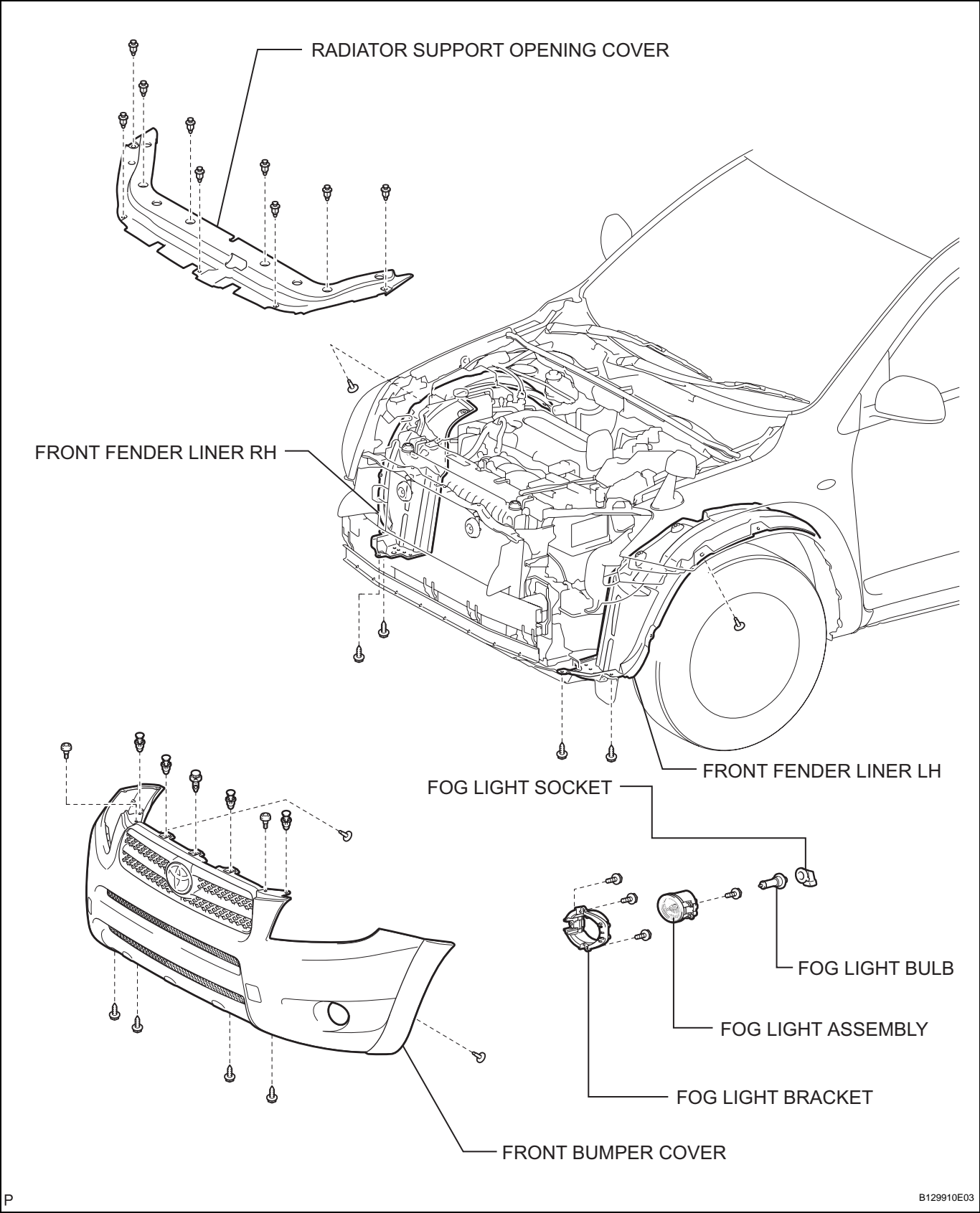


# FOG LIGHT ASSEMBLY

## COMPONENTS



## REMOVAL

### HINT:

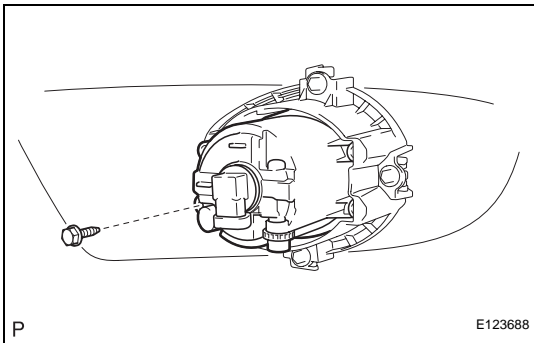
- Use the same procedures for the RH and LH sides.
- The procedures listed below are for the LH side.

### 1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

#### CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. REMOVE FRONT FENDER LINER LH (See page [ET-6](#))
3. REMOVE FRONT FENDER LINER RH (See page [ET-4](#))
4. REMOVE RADIATOR SUPPORT OPENING COVER (See page [ET-4](#))
5. REMOVE FRONT BUMPER COVER (See page [ET-5](#))
6. REMOVE FOG LIGHT ASSEMBLY
  - (a) Disconnect the connector.
  - (b) Remove the bolt and fog light.



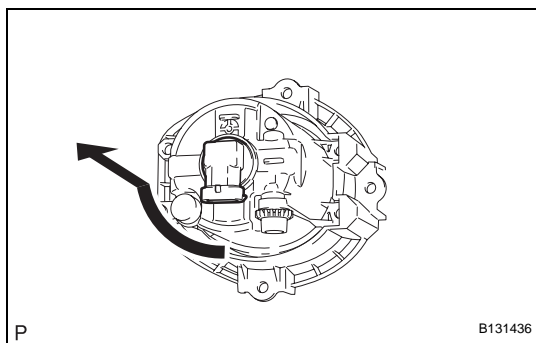
## DISASSEMBLY

### HINT:

- Use the same procedures for the RH side and LH sides.
- The procedures listed below are for the LH side.

### 1. REMOVE FOG LIGHT BULB

- (a) Turn the bulb in the direction indicated by the arrow and pull to remove it.



## ADJUSTMENT

### 1. VEHICLE PREPARATION FOR FOG LIGHT AIM ADJUSTMENT

- (a) Prepare the vehicle:
- Ensure that the vehicle has no damage or deformation around the fog lights.
  - Fill up the fuel tank.
  - Make sure that all of the different types of oil in the vehicle (engine oil, etc.) are filled to the specified levels.
  - Make sure that the coolant is filled to the specified level.
  - Inflate the tires to the appropriate pressure.
  - Place the spare tire, tools, and jack in their original positions.
  - Unload the vehicle.
  - Have a person that weighs approximately 55 kg (121 lb) sit in the driver seat.

### 2. PREPARATION FOR FOG LIGHT AIMING (Using Screen)

- (a) Prepare the vehicle according to the following conditions:
- Move the vehicle to a location that is sufficiently dark so that the fog light cutoff line can be visually checked. The cutoff line is an imaginary plane below which fog light light is projected and above which light is not projected.
  - Move the vehicle to a level surface.
  - Point the front of the vehicle at a wall. The wall must be perpendicular to the surface that the vehicle is on.
  - Position the vehicle 10 m (32.8 ft.) from the wall.
  - Push down on the vehicle several times to settle the suspension.

**HINT:**

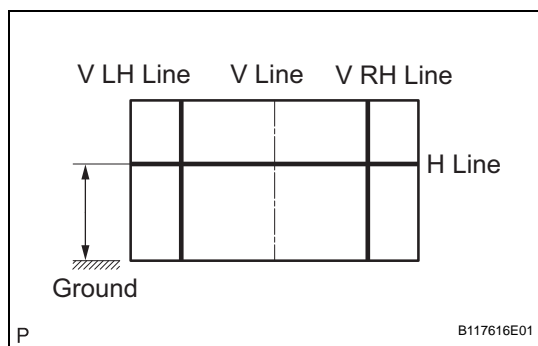
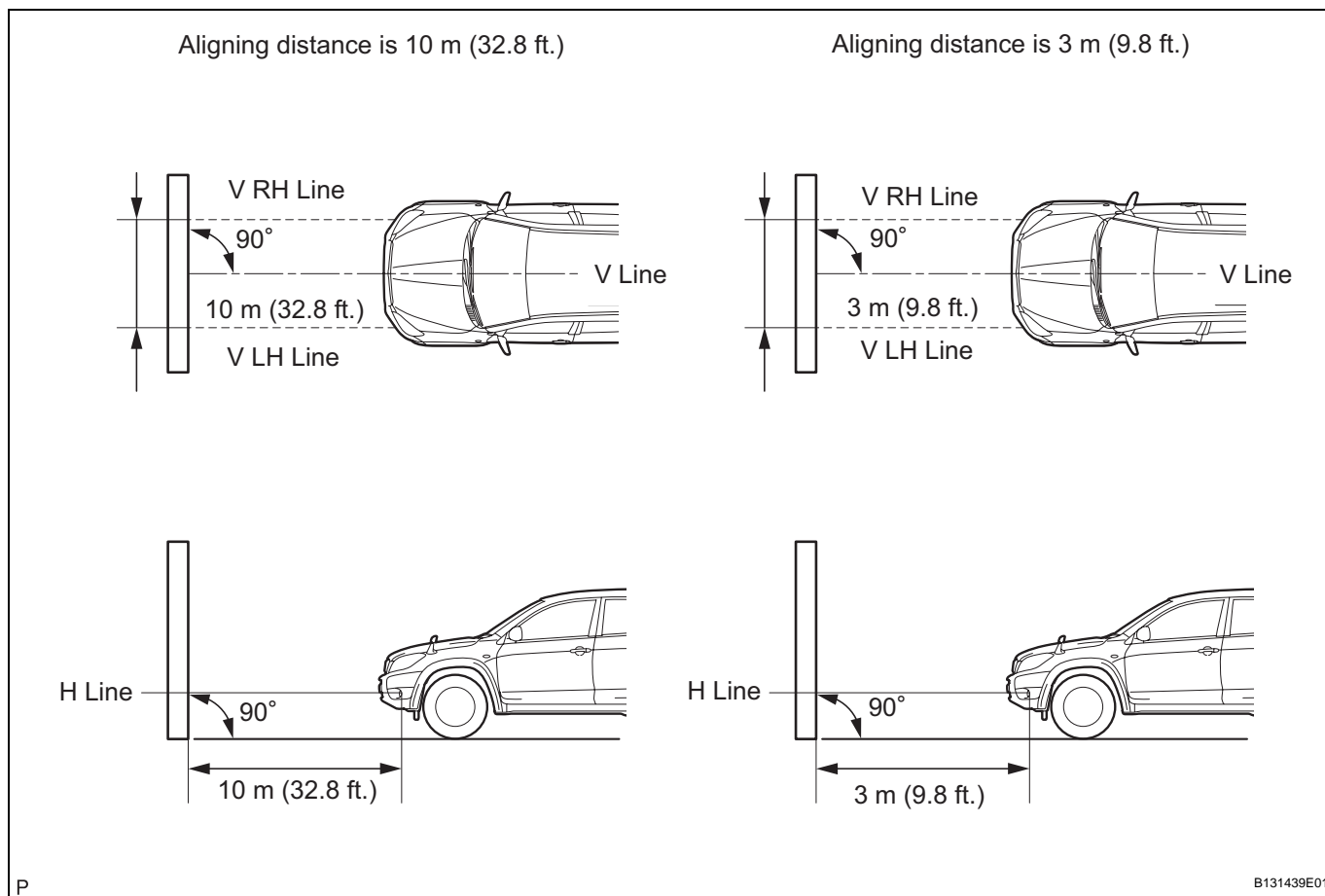
A distance of 10 m (32.8 ft.) between the vehicle and the wall is necessary for proper aim adjustment. If unavailable, secure a distance of exactly 3 m (9.8 ft.). In the illustrations below, view the part of the illustration applicable to the distance from the vehicle to the wall.

**NOTICE:**

**Be careful not to damage the suspension.**

- (b) Prepare a piece of thick white paper that is approximately 2 m (6.6 ft.) (height) x 4 m (13.1 ft.) (width) to use as a screen.
- (c) Draw a vertical line down the center of the screen (V line).
- (d) Set the screen as shown in the illustration.
- HINT:**
- Stand the screen perpendicular to the ground.

- Align the V line on the screen with the center of the vehicle.



(e) Draw base lines (H line, V LH and V RH lines) on the screen as shown in the illustration.

(1) H Line (fog light height):

Draw a horizontal line across the screen so that it passes through the center marks. The H line should be at the same height as the bulb center marks of the fog lights.

(2) V LH Line, V RH Line (center mark position of LH and RH fog lights):

Draw 2 vertical lines so that they intersect the H line at each center mark.

### 3. INSPECT FOG LIGHT AIMING

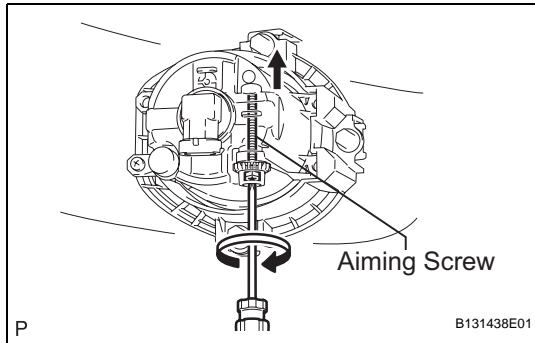
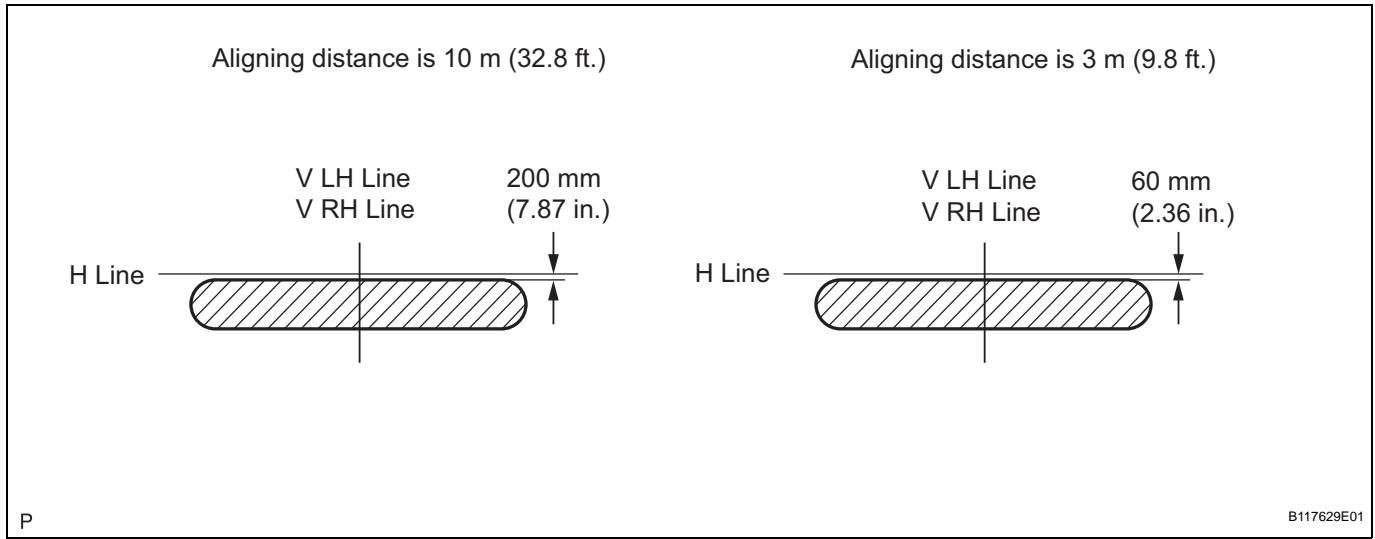
(a) Choose a fog light to inspect first. Cover or disconnect the connector of the other fog light to prevent light from that fog light from affecting the fog light aiming inspection.

(b) Start the engine.

#### NOTICE:

Engine rpm must be 1,500 or more.

- (c) Turn on the fog lights and make sure that the cutoff line is within the specified area shown in the illustration.



#### 4. ADJUST FOG LIGHT AIMING

- (a) Adjust the fog light aim into the specified range by turning the aiming screw with a screwdriver.

**NOTICE:**

**If the screw is tightened too much, loosen it and then retighten it so that the final turn of the screw is in the clockwise direction.**

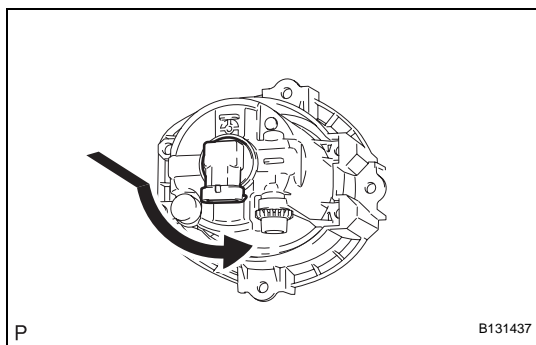
## REASSEMBLY

### HINT:

- Use the same procedures for the RH side and LH sides.
- The procedures listed below are for the LH side.

### 1. INSTALL FOG LIGHT BULB

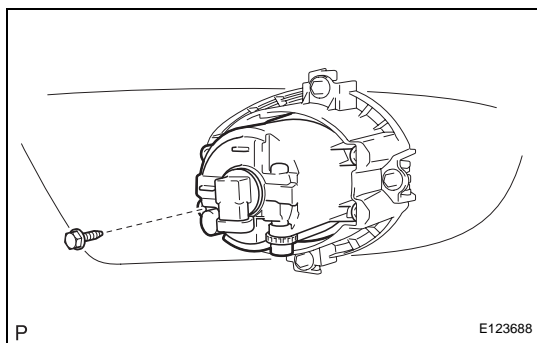
- (a) Turn the bulb in the direction indicated by the arrow to install it.



## INSTALLATION

### HINT:

- Use the same procedures for the RH and LH sides.
- The procedures listed below are for the LH side.



1. **INSTALL FOG LIGHT ASSEMBLY**
  - (a) Install the fog light with the bolt.
  - (b) Connect the connector.
2. **INSTALL FRONT BUMPER COVER** (See page [ET-11](#))
3. **INSTALL RADIATOR SUPPORT OPENING COVER** (See page [ET-12](#))
4. **INSTALL FRONT FENDER LINER RH** (See page [ET-12](#))
5. **INSTALL FRONT FENDER LINER LH** (See page [ET-12](#))
6. **INSTALL CABLE TO NEGATIVE BATTERY TERMINAL**